

## UHF Silicon Wristband Tag

Product Code: U6171510

Silicone Wristband tag is developed with soft silicone rubber material marking it gentle and non-allergic to skin. It can be used for access control and people tracking at events such as marathons and in museums, amusement parks etc. It can also be used for patient tracking in hospital.



### Tag Dimensions



## Electrical Specifications

Air Interface Protocol	ISO/IEC 18000-6C, EPC Global C1G2
Operational Frequency	865 – 868 MHz or 902 – 928 MHz
Chip**	Alien Higgs-3
Memory Configuration	EPC–96 bits, extendible to 480bits
	TID – 96 bits unalterable unique
	User memory – 512 bits
	Access password – 32 bits
	Kill password – 32 bits
Read Range*	On Wrist – Up to 5.0 m on Fixed Reader with Linear antenna
Operating temperature	-40°C to +80°C
Storage temperature	-40°C to +80°C
Ingress protection rating	IP68
Attachment	Wearable in human Wrist
Applicable surface	Human wrist

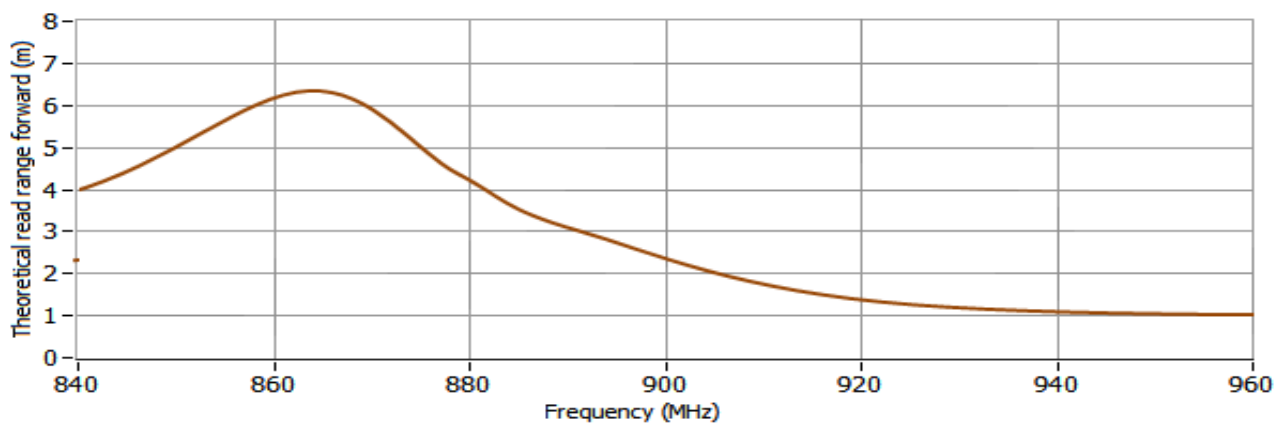
## Physical and Mechanical Specification

Dimensions	65 x 13 x 28 ± 0.2 mm
Colour**	Blue / Yellow
Weight	28 g
Encasement	Silicone rubber
Quality Assurance	100% reader tested

## Chemical Resistance

Resistant to continuous exposure to salt water for 2 hours
Resistant to continuous exposure to motor oil for 2 hours
Additionally, abrasion resistant against HCL and IPA

## Linear Frequency Graph



## Additional Services

Pre-encoding	On request
Customization***	Logo / text printing on request

## Order Information

U6171510-EU	Alien higgs-3 chip tuned at ETSI frequency
U6171510-US	Alien higgs-3 chip tuned at US frequency
U6171512-EU	Alien higgs-4 chip tuned at ETSI frequency
U6171512-US	Alien higgs-4 chip tuned at US frequency

- \* Actual read range may vary depending upon the reader
- \*\* Other on request
- \*\*\* Available as an option at extra cost

### Omnia Technologies Pvt. Ltd.

Corporate Office  
Plot No. 145, Udyog Vihar Phase 1, Gurugram, Haryana-122016, INDIA

Manufacturing Unit  
Plot No. 68, Sector-5, IMT Manesar, Gurugram, Haryana-122050, INDIA | +91(124)4366174, 4366411,+91(124)4366410 (Fax)